



Australian Government

ICPSUP553 Prepare production costing estimates

Release: 1

ICPSUP553 Prepare production costing estimates

Modification History

Release	Comments
Release 1	This version first released with ICP Printing and Graphic Arts Training Package Version 1.0.

Application

This unit describes the skills and knowledge required to cost and estimate production processes.

It applies to individuals who perform a broad range of skilled tasks relating to the printing and graphic arts industry, and may also provide leadership and guidance to others in the application and planning of the skills.

No licensing, legislative or certification requirements apply to this unit at the time of publication.

Unit Sector

Support

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA
<i>Elements describe the essential outcomes.</i>	<i>Performance criteria describe the performance needed to demonstrate achievement of the element.</i>
1. Identify costing estimate requirements	1.1 Labour hours, times and other statistics required are identified and applied in calculations 1.2 Available machine hours are identified and applied in calculations 1.3 Economical batch sizes are identified 1.4 Material requirements are identified and applied in calculations
2. Prepare costing estimates	2.1 Costing estimates are calculated using material, labour and machine costs 2.2 Cost estimate details are calculated

ELEMENT	PERFORMANCE CRITERIA
3. Compare estimates with actual costs	3.1 Actual costs are compared with estimates 3.2 Costing basis is adjusted as appropriate

Foundation Skills

This section describes language, literacy, numeracy and employment skills incorporated in the performance criteria that are required for competent performance.

Skill	Performance Criteria	Description
Reading	1.1, 1.2, 1.4, 2.1, 2.2, 3.1, 3.2	Recognises text within job specifications and work processes related to outcomes of the job
Writing	1.1-1.4, 2.1, 2.2, 3.1, 3.2	Uses factual information and industry related terminology to complete required workplace documentation
Numeracy	1.1-1.4, 2.1, 2.2, 3.1, 3.2	Uses mathematical calculations and techniques to deal with numerical information, and prepare estimates and costing models
Get the work done	1.1-1.4	Takes responsibility for gathering information required to perform estimates

Unit Mapping Information

Code and title current version	Code and title previous version	Comments	Equivalence status
ICPSUP553 Prepare production costing estimates	ICPSU553C Prepare production costing estimates	Updated to meet Standards for Training Packages	Equivalent unit

Links

Companion Volume implementation guides are found in VETNet -

<https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a74b7a0f-a253-47e3-8be0-5d426e24131d>

Assessment Requirements for ICPSUP553 Prepare production costing estimates

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Performance Evidence

Evidence of the ability to:

- prepare an estimate of production costs that takes into account labour, machine and material requirements
- compare estimated costs against actual cost and adjust costing methods, if required.

Note: If a specific volume or frequency is not stated, then evidence must be provided at least once.

Knowledge Evidence

To complete the unit requirements safely and effectively, the individual must:

Statutory requirements

- outline the legal requirements that affect costing of operations

Production processes and operations

- describe information required before costing/estimating can be done accurately
- describe the references and resources on materials and suppliers required to help in costing/estimating
- explain how choice of materials affects cost
- list ways of minimising production costs on any given job
- explain the relationship between costing and set up and changeover times for processes

Different costing/estimating methodologies

- explain why a particular costing/estimating method was chosen
- outline alternative methods and when it might be appropriate to use them
- describe factors that might be adjusted in the estimations if they consistently do not match costs

Sampling and quality control techniques

- describe effects that quality control has on costing

Production records

- describe why it is necessary to keep accurate production records
- outline how often a review of production records against actual costs should occur
- identify production monitoring systems that can be used to accurately assess costs.

Assessment Conditions

Gather evidence to demonstrate consistent performance in conditions that are safe and replicate the workplace. Noise levels, production flow, interruptions and time variances must be typical of those experienced in the Support field of work and include access to:

- an environment that allows the preparation of production costing estimates and actual costs
- appropriate sources of production data
- suitable equipment and tools to assist with calculations.

Assessors must satisfy NVR/AQTF assessor requirements.

Links

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